Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	21 October 2022
Project Name	Web phishing detection
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Website identification	Model Detects the malicious website using blacklist And give alert message .This indicates that the website is encrypted and secured with an SSL (Secure Sockets Layer) certificate.
FR-4	Prediction	**prediction website** is Model predicts the URL using Machine Learning algorithms. such as Peredi On - Sports Prediction HTML Template, Tipster Platform HTML
FR-5	Classifier	Where people post there advertisement ,However, you can decide if you want the people to post for free or charge for their advertisements. Model predicts all the output to classifier and produces the final result.
FR-6	result	Model predict the website and give pop- up to the user before they enter any confidential details.

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	We intend to evaluate important **usability** issues related to **fake website** detection systems, 11, 13 . User can access to several website easily using web phishing detection without loosing any data
NFR-2	**Security**	User can check whether the websites are secure or not by getting pop-up message. Phishing is most often seen in the form of malicious emails pretending to be from credible sources like people, departments, or organizations related to the university.
NFR-3	**Reliability**	The users should get availability to access the resources must be valid and reliable
NFR-4	**Performance**	**performance** (i.e. detection and false positive rates) of the automated approaches. performance

		should be faster and user friendly for the effective performance
NFR-5	**Availability**	The users should get availability to access the resources must be valid and reliable.
NFR-6	**Scalability**	The performance of the website should be efficient to handle the increasing user and loads without any disturbance